

ABSTRACT

A continuous composter for continuously processing organic waste material from a generally heterogeneous state into a generally homogenous state. The composter includes a container rotatably mounted on a support frame about its longitudinal axis that defines an inner chamber containing an amount of the heterogeneous waste material for continuous circulation therein. An agitator located within the inner chamber is rotatably mounted on fixed end walls about its own longitudinal axis that is offset relative to the container axis. The agitator is located to selectively receive the circulated waste material from the rotating container, to separate the heterogeneous waste material into the homogenous waste material, and to aerate the homogenous waste material by projecting it within the chamber. Both the container and the agitator rotates in a same direction at a relatively slow and fast rotational speed respectively.